

Ma'lumotlar bazasi

1-dedline

1-topshiriq.MySQL dasturini o'rnatish.

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MySQL Server Instance Configuration Wizard

MySQL Server Instance Configuration

Configure the MySQL Server 5.0 server instance.

Please set the Windows options.

☒ **Install As Windows Service**

 This is the recommended way to run the MySQL server on Windows.

Service Name:

☒ Launch the MySQL Server automatically

☐ **Include Bin Directory in Windows PATH**

 Check this option to include the directory containing the server / client executables in the Windows PATH variable so they can be called from the command line.

< Back Next > Cancel

MySQL Server Instance Configuration Wizard

MySQL Server Instance Configuration

Configure the MySQL Server 5.0 server instance.

Please set the security options.

☒ **Modify Security Settings**

 New root password: Enter the root password.

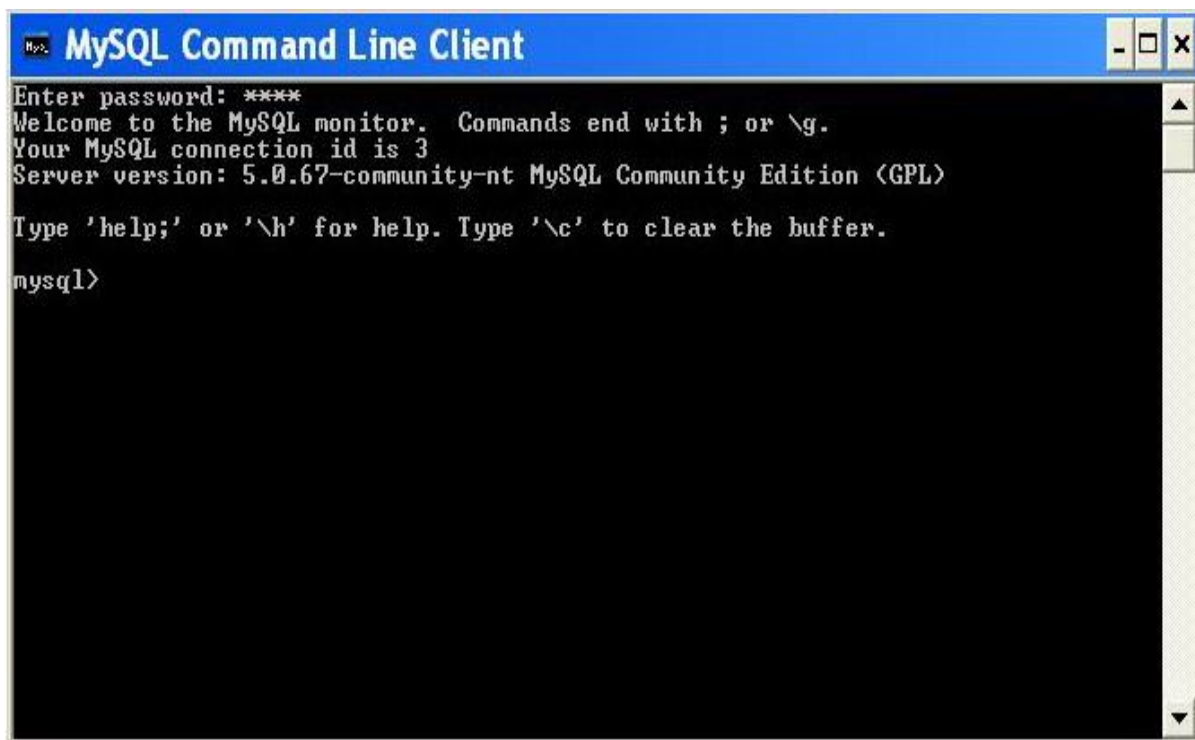
Confirm: Retype the password.

☐ Enable root access from remote machines

☐ **Create An Anonymous Account**

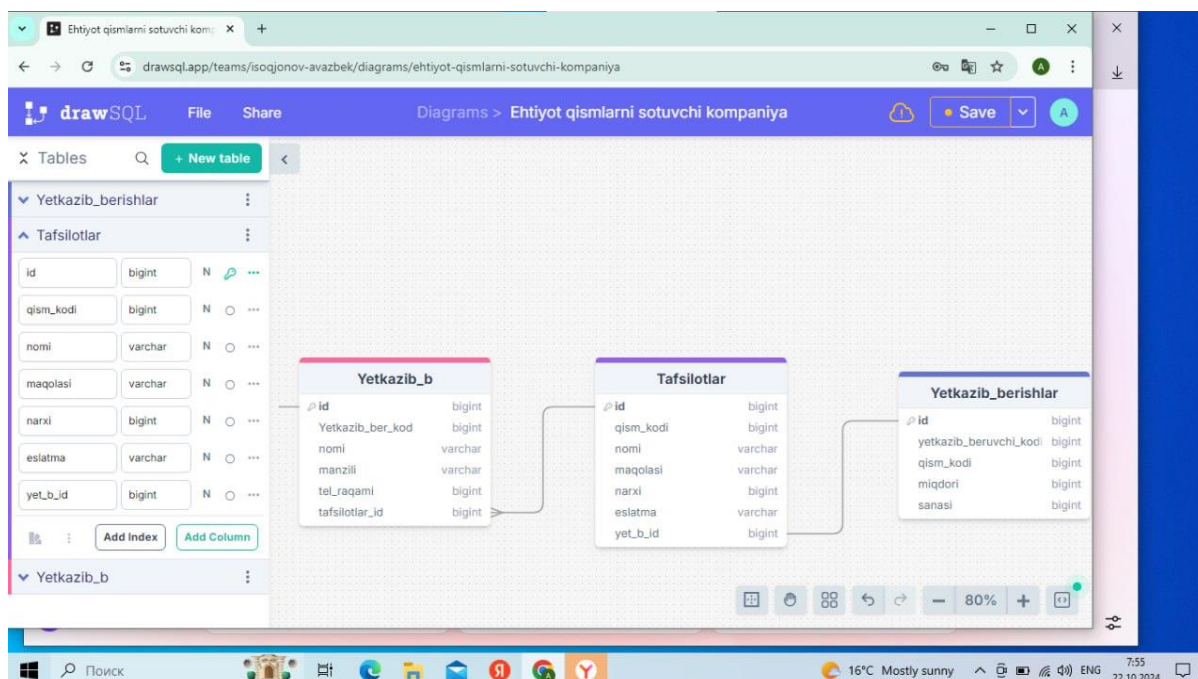
 This option will create an anonymous account on this server. Please note that this can lead to an insecure system.

< Back Next > Cancel



Xulosa : Biz uchun MySQL dasturini o'rnatish qiyin bo'lmadi. Chunki dars vaqtida tushunib oldik.

2-topshiriq.DropSQLda jadval yaratish.



Xulosa: Biz bu mavzuda dropSQL saytida o'zimizning loyihamiz uchun yuqoridagi jadvalni yaratdik.

3-topshiriq.SQLda baza va jadval yaratish.

Tanlov fanlari nomli baza va undagi bir qancha jadvallarni yaratish

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| 641_23ax |
| ehtiyot_qismlar |
| mysql |
| test |
+-----+
5 rows in set (0.25 sec)
```

Qaysi bazadan foydalanmoqchi bo'lsak o'sha bazadan foydalanish uchun quyidagi kodni yozamiz:

```
mysql> create database Ehtiyot_qismlar;
Query OK, 1 row affected (0.08 sec)

mysql> _
```

Endi bazamiz uchun 3 ta jadval yaratib olamiz ular quyidagilar:

1-jadval: YET_B jadvalini yaratish:

```
mysql> CREATE TABLE YET_B(id int,y_b_k int,nomi varchar(30),manzili varchar(30),tel int,tafsilotlar_id int);
Query OK, 0 rows affected (0.33 sec)
```

2-jadval: yet_berishlar jadvalini yaratish:

```
mysql> CREATE TABLE yet_berishlar(id int,y_b_k int,q_k int,miqdori int,sanasi int);
Query OK, 0 rows affected (0.11 sec)
```

3-jadval: Rejalar jadvalini yaratish:

```
mysql> CREATE TABLE tafsilotlar(id int,q_k int,nomi varchar(30),maqolasi varchar(200),narxi int, eslatma varchar(200),yet_b_id int);
Query OK, 0 rows affected (0.09 sec)
```

4-topshiriq. Alter table 5 ta so'rov . Insert into va select*from so'rovlari

Insert into so'rovi orqali jadvallarimizga ma'lumotlarni kiritamiz.

```
C:\Program Files (x86)\MySQL\MySQL Server 5.1\bin\mysql.exe
5 rows in set (0.08 sec)

mysql> use ehtiyot_qismlar;
Database changed
mysql> insert into YET_B(id,y_b_k,nomi,manzili,tel,tafsilotlar_id)
-> values(2,42,'rul','fargona',133213,11),
-> (3,13,'motor','andijon',15657,31),
-> (4,23,'fara','madnir',234223,123),
-> (4,345,'ekran','qashqadaryo',244212,132),
-> (5,65,'telefon','fargona',2315655,86),
-> (6,97,'naushnik','andijon',4924892,54),
-> (7,927,'notebook','andijon',49245592,55),
-> (8,347,'planshet','toshkent',49242,577),
-> (9,34,'gaz_pillita','navoliy',4924212,567),
-> (10,311,'televizion','nukus',4092,97);
Query OK, 10 rows affected (0.08 sec)
Records: 10 Duplicates: 0 Warnings: 0

mysql> select*from YET_B;
+----+-----+-----+-----+-----+-----+
| id | y_b_k | nomi | manzili | tel | tafsilotlar_id |
+----+-----+-----+-----+-----+-----+
| 1 | 23 | shina | namangan | 1234567 | 2 |
| 2 | 43 | rul | fargona | 133213 | 11 |
| 3 | 13 | motor | andijon | 15657 | 31 |
| 4 | 23 | fara | madnir | 234223 | 123 |
| 4 | 345 | ekran | qashqadaryo | 244212 | 132 |
| 5 | 65 | telefon | fargona | 2315655 | 86 |
| 6 | 97 | naushnik | andijon | 4924892 | 54 |
| 7 | 927 | notebook | andijon | 49245592 | 55 |
| 8 | 347 | planshet | toshkent | 49242 | 577 |
| 9 | 34 | gaz_pillita | navoliy | 4924212 | 567 |
| 10 | 311 | televizor | nukus | 4092 | 97 |
+----+-----+-----+-----+-----+-----+
11 rows in set (0.00 sec)

mysql> insert into yet_berishlar(id,y_b_k,q_k,miqdori,sanasi)
-> values(2,132,);
```

Alter table modify va boshqalar hammasi shu yerda

```
mysql> alter table yet_berishlar modify q_k int not null;
Query OK, 1 row affected (0.34 sec)
Records: 1 Duplicates: 0 Warnings: 0

mysql> alter table yet_berishlar ADD olindi varchar(58);
Query OK, 1 row affected (0.25 sec)
Records: 1 Duplicates: 0 Warnings: 0

mysql> alter table yet_berishlar DROP olindi ;
Query OK, 1 row affected (0.23 sec)
Records: 1 Duplicates: 0 Warnings: 0

mysql> alter table yet_berishlar change miqdori miqdor int;
Query OK, 1 row affected (0.23 sec)
Records: 1 Duplicates: 0 Warnings: 0

mysql> alter table yet_berishlar rename
-> yetkazib_ber;
Query OK, 0 rows affected (0.06 sec)

mysql> _
```

select * from So'rovi orqali biz jadvallarimizga kiritilgan ma'lumotlarni ko'rishimiz mumkin . Bunda Ni o'rniga jadvalimizni nomini kiritamiz. Misol uchun:

select * from student deb yozsak quyidahi chiqadi:

```
mysql> select from * tafsilotlar;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'from * tafsil
otlar' at line 1
mysql> select* from tafsilotlar;
```

id	q_k	nomi	maqolasi	narxi	eslatma	yet_b_id
1	12	shina	shina	200	yangi	11
2	132	rul	rul	123	yangi	23
3	142	telefon	telefon	1243	yangi	25
4	54	planshet	planshet	62	yangi	53
5	4	radio	radio	42	yangi	532
6	1365	balon	balon	1233	yangi	24
7	74	radio	fonar	98	eski	5
8	65	fonar	fonar	99	eski	97
9	4322	televizion	televizion	129	eski	90
10	42	iphone	iphone	19	yangi	904

```
10 rows in set (0.00 sec)
mysql>
```

select * from reja deb yozsak quyidahi chiqadi:

```
mysql> select * from yetkazib_ber;
```

id	y_b_k	q_k	miqdor	sanasi
1	24	32	4	1
2	132	232	5	2
3	13	23	8	3
4	24	55	9	4
5	24	55	9	4
6	277	59	13	8
7	207	556	112	9
8	297	506	182	11
9	197	509	282	19
10	17	9	28	29

```
10 rows in set (0.00 sec)
```

Xulosa:Men bu darslarni yaxshi o'zlashtirdim chunki darslar yaxshi o'tildi.

5-topshiriq.Where, and , or , not so'rovlari

where so'rovi orqali jadvalimizdagi o'zimiz istagan talaba yoki talabalarni chiqarib olishimiz mumkin.


```
mysql> select * from tafsilotlar
-> where (nomi='radio' or narxi=98);
```

id	q_k	nomi	maqolasi	narxi	eslatma	yet_b_id
5	4	radio	radio	42	yangi	532
7	74	radio	fonar	98	eski	5

2 rows in set (0.05 sec)

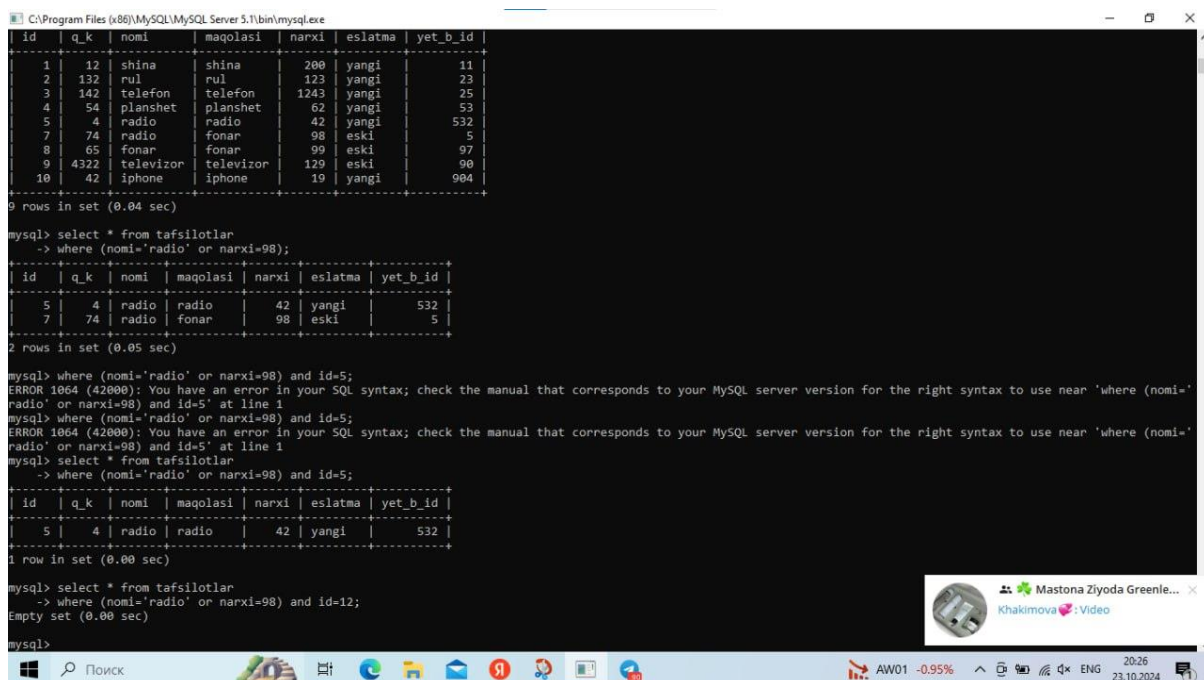
Not in so'rovi esa emas degani anglatadi

```
mysql> select * from tafsilotlar
-> where narxi not in (1233);
```

id	q_k	nomi	maqolasi	narxi	eslatma	yet_b_id
1	12	shina	shina	200	yangi	11
2	132	rul	rul	123	yangi	23
3	142	telefon	telefon	1243	yangi	25
4	54	planshet	planshet	62	yangi	53
5	4	radio	radio	42	yangi	532
7	74	radio	fonar	98	eski	5
8	65	fonar	fonar	99	eski	97
9	4322	televizor	televizor	129	eski	90
10	42	iphone	iphone	19	yangi	904

9 rows in set (0.04 sec)

or so'rovi yoki degani ya'ni mantiqiy qo'shish biz bergan shartimizni bittasi bajarilsa ham to'g'ri qiymat qaytaradi. and esa mantiqiy ko'paytirish ya'ni biz bergan shartlarimizni hammasi to'g'ri bo'lgan holatdagina ishlaydi:



```
C:\Program Files (x86)\MySQL\MySQL Server 5.1\bin\mysql.exe
```

id	q_k	nomi	maqolasi	narxi	eslatma	yet_b_id
1	12	shina	shina	200	yangi	11
2	132	rul	rul	123	yangi	23
3	142	telefon	telefon	1243	yangi	25
4	54	planshet	planshet	62	yangi	53
5	4	radio	radio	42	yangi	532
7	74	radio	fonar	98	eski	5
8	65	fonar	fonar	99	eski	97
9	4322	televizor	televizor	129	eski	90
10	42	iphone	iphone	19	yangi	904

9 rows in set (0.04 sec)

```
mysql> select * from tafsilotlar
-> where (nomi='radio' or narxi=98);
```

id	q_k	nomi	maqolasi	narxi	eslatma	yet_b_id
5	4	radio	radio	42	yangi	532
7	74	radio	fonar	98	eski	5

2 rows in set (0.05 sec)

```
mysql> where (nomi='radio' or narxi=98) and id=5;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'where (nomi='radio' or narxi=98) and id=5' at line 1
mysql> where (nomi='radio' or narxi=98) and id=5;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'where (nomi='radio' or narxi=98) and id=5' at line 1
mysql> select * from tafsilotlar
-> where (nomi='radio' or narxi=98) and id=5;
```

id	q_k	nomi	maqolasi	narxi	eslatma	yet_b_id
5	4	radio	radio	42	yangi	532

1 row in set (0.00 sec)

```
mysql> select * from tafsilotlar
-> where (nomi='radio' or narxi=98) and id=12;
Empty set (0.00 sec)
mysql>
```

Quyidagi kodda id si 2 va 5 oralig'idagi talabalar chiqarilgan:

```
mysql> select * from tafsilotlar
-> where (nomi='radio' or narxi=98);
+----+-----+-----+-----+-----+-----+-----+
| id | q_k | nomi | maqolasi | narxi | eslatma | yet_b_id |
+----+-----+-----+-----+-----+-----+-----+
| 5 | 4 | radio | radio | 42 | yangi | 532 |
| 7 | 74 | radio | fonar | 98 | eski | 5 |
+----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.05 sec)

mysql> where (nomi='radio' or narxi=98) and id=5;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'where (radio' or narxi=98) and id=5' at line 1
mysql> where (nomi='radio' or narxi=98) and id=5;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'where (radio' or narxi=98) and id=5' at line 1
mysql> select * from tafsilotlar
-> where (nomi='radio' or narxi=98) and id=5;
+----+-----+-----+-----+-----+-----+-----+
| id | q_k | nomi | maqolasi | narxi | eslatma | yet_b_id |
+----+-----+-----+-----+-----+-----+-----+
| 5 | 4 | radio | radio | 42 | yangi | 532 |
+----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

Xulosa: Bu topshiriqda men jadvallarimdagi o'zim istagan qatorni chiqarish , o'chirish va tahrirlash , shuningdek mantiqiy amallar bilan ishlashni o'rgandim. Bu mavzuni darsda ustoz bilan parallel bajardim va mustaqil ravishda.